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1 Claim 1 (currently amended): A method of controlling a  
2 call forwarding service comprising:

3 operating a peripheral device coupled to a  
4 telephone switch to receive a call from a caller using a  
5 first telephone;

6 determining using automatic number  
7 identification information a first telephone number  
8 corresponding to the first telephone;

9 detecting receipt of a first ~~control~~ signal  
10 from a the first telephone;

11 determining from the first telephone number and  
12 stored information if the first telephone corresponds to  
13 a telephone for which call forwarding service is  
14 supported;

15 if said first signal is a control signal used  
16 to activate call forwarding and it is determined that  
17 call forwarding service is supported for the first  
18 telephone, determining if a previously stored call  
19 forwarding telephone number is available in a call  
20 processing record stored in a service control point  
21 coupled to said peripheral device by said telephone  
22 switch, for use in call forwarding said call processing  
23 record being associated with said first telephone number;  
24 and

25 if it is determined that a previously stored  
26 telephone number is available, i) updating said call  
27 processing record associated with said first telephone to  
28 indicate that call forwarding is active; and

29 ii) enabling the forwarding of calls directed to the  
30 first telephone to a second telephone using said  
31 previously stored call forwarding telephone number.

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1 Claim 2 (currently amended): The method of claim 1,  
2 further comprising:  
3 if it is determined that call forwarding is not  
4 supported for the first telephone, prompting the caller  
5 for a telephone number corresponding to a service to be  
6 updated wherein the step of determining if the first  
7 telephone corresponds to a telephone for which call  
8 forwarding service is supported includes:  
9 using automatic number identification  
10 information to access a customer service record.

1 Claim 3 (currently amended): The method of claim 2,  
2 further comprising:  
3 examining the first signal to determine if said  
4 first signal is a control signal used to activate call  
5 forwarding or to disable call forwarding wherein the step  
6 of enabling the forwarding of calls directed to the first  
7 telephone includes:  
8 updating a call processing record to indicate  
9 that call forwarding service is active.

1 Claim 4 (currently amended): The method of claim 3,  
2 wherein the step of enabling the forwarding of calls  
3 directed to the first telephone further includes:  
4 operating a the service control point to send  
5 an update message to a telephone switch to which the

6 first telephone is coupled to set a terminating attempt  
7 trigger on a telephone line corresponding to the first  
8 telephone.

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1 Claim 5 (currently amended): The method of claim ~~2~~ 4,  
2 ~~wherein the step of enabling the forwarding of calls~~  
3 ~~directed to the first telephone further includes:~~ further  
4 comprising, when said first signal is determined to be a  
5 control signal used to disable call forwarding:

6 operating a the service control point to send  
7 an update message to a the telephone switch to which the  
8 first telephone is coupled to ~~set~~ deactivate a  
9 terminating attempt trigger on a the telephone line  
10 corresponding to the first telephone.

1 Claim 6 (currently amended): The method of claim 5 ~~2~~,  
2 further comprising:  
3 updating the call processing record corresponding to  
4 the first telephone to indicate that call forwarding is  
5 not active

6 ~~detecting receipt of a second control signal~~  
7 ~~from the first telephone, and~~  
8 ~~in response to detecting receipt of the second~~  
9 ~~control signal disabling the forwarding of calls directed~~  
10 ~~to the first telephone.~~

1 Claim 7 (canceled):

1 Claim 8 (currently amended): The method of claim 6 7,  
2 wherein disabling the forwarding of calls further  
3 includes:

4 operating a the service control point to send  
5 an update message to a telephone switch to which the  
6 first telephone is coupled to deactivate a terminating  
7 attempt trigger previously set on the telephone line  
8 corresponding to the first telephone.

1 Claim 9 (canceled):

1 Claim 10 (currently amended): A method of controlling a  
2 call forwarding service comprising:

3 operating a peripheral device coupled to a  
4 telephone switch to receive a call from a caller using a  
5 first telephone;

6 detecting receipt of a first ~~control~~ signal  
7 from a the first telephone;

8 determining using automatic number  
9 identification information a first telephone number  
10 corresponding to the first telephone;

11 accessing, using the first telephone number  
12 ~~automatic number identification information~~, service  
13 information maintained in a service control point coupled  
14 to said peripheral device by said telephone switch;

15 determining from the accessed information if  
16 the first telephone corresponds to a telephone for which  
17 call forwarding service is being provided; and

18 if it is determined that call forwarding  
19 service is provided for the first telephone, disabling

PIN  
DTMF

subscribe?

20 call forwarding service in response to the first ~~control~~  
21 signal when said first signal is a control signal used to  
22 disable call forwarding.

1 Claim 11 (currently amended): The method of claim 10,  
2 wherein the disabling call forwarding service step  
3 includes:

A 4 operating said a service control point to  
5 transmit a message instructing a telephone switch to  
6 disable a terminating attempt trigger set on a telephone  
7 line to which the first telephone is coupled.

1 Claim 12 (currently amended): The method of claim 10,  
2 wherein the step of disabling call forwarding service  
3 includes:

4 updating a call processing record including  
5 said service information to indicate that call forwarding  
6 service is not active.

1 Claim 13 (currently amended): The method of claim 12,  
2 further comprising the step of operating the service  
3 control point to transmit a message to disable ~~disabling~~  
4 a terminating attempt trigger set on a telephone line to  
5 which the first telephone is coupled.

1 Claim 14 (original): The method of claim 10, further  
2 comprising the step of disabling a terminating attempt  
3 trigger set on a telephone line to which the first  
4 telephone is coupled.

1 Claims 15-19 (canceled):

1 Claim 20 (currently amended): A communication system,  
2 comprising:

3 a telephone;

4 a telephone switch coupled to said telephone;

5 a peripheral device coupled to said telephone  
6 switch;

7 a service control point coupled to said  
8 telephone switch and to said peripheral device by way of  
9 said telephone switch;

10 said peripheral device including means for  
11 receiving a first telephone call routed to said  
12 peripheral device by said telephone switch and for  
13 receiving from the telephone a first control signal;

14 said peripheral device further including means for  
15 communicating telephone number and control signal  
16 information to said service control point by way of said  
17 telephone switch;

18 said service control point including:

19 i) means for accessing a call processing record  
20 corresponding to the first telephone as a function of  
21 information communicated from said peripheral device;

22 ii) means for determining if the accessed call  
23 processing record includes a telephone number to be used  
24 when forwarding calls directed to said telephone; and

25 iii) means for activating a call forwarding  
26 service, said call forwarding service enabling forwarding  
27 of calls directed to said first telephone as a function  
28 of said telephone number when it is determined that the

29 accessed call processing record includes said telephone  
30 number and said control signal is a call forwarding  
31 activation signal.

1 Claim 21 (new): A call forwarding control method, the  
2 method comprising:

A 3 operating a peripheral device coupled to a telephone  
4 switch to receive a call from a first telephone;

5 operating the peripheral device to receive a signal  
6 from the first telephone;

7 determining if the signal is a call forwarding  
8 control signal; and

9 if the received signal is determined to be a call  
10 forwarding control signal,

11 i) using automatic number identification  
12 information to access a call processing record  
13 corresponding to said first telephone, said  
14 call processing record being stored in a  
15 service control point coupled to said  
16 peripheral device by said telephone switch; and

17 ii) modifying the content of said call  
18 processing record in accordance with the  
19 received call forwarding control signal; and

20 if the received signal is determined not to be a  
21 call forwarding control signal, determining if the  
22 received signal is a telephone number of a subscriber for  
23 which a service is provided using said service control  
24 point.

1 22. (new): The method of claim 21,

2            wherein said call is placed from a telephone having  
3            a different telephone number than a telephone number  
4            included in said received signal;

A            wherein said call processing record includes a  
6            stored call forwarding number; and

7            wherein said modifying the content of said call  
8            processing record includes performing changing the status  
9            of a call forwarding indicator stored in said call  
10           processing record.

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